

EP 21215 (14)

XP-002264024

AN - 1997-017613 [02]

AP - JP19950089119 19950414; [Previous Publ. JP8283596] ; JP19950089119
19950414

CPY - TOXW

DC - A60 D21 E23 G02

DR - 1160-U

FS - CPI

IC - C09B67/08 ; C09B67/14 ; C09B67/16 ; C09B67/20

MC - A08-E04 D08-B10 E23-B G01-B03 G02-A03A G02-A04A G05-F03 G06-G05

M4 - [01] A429 A960 C710 D000 E350 M280 M320 M411 M511 M520 M530 M540 M630
M781 M903 M904 M910 Q130 Q254 Q332 R024 W002 W030 W326 W334; 07541;
R01160-U; 1160-U

PA - (TOXW) TOYO INK MFG CO LTD

PN - JP2993392B2 B2 19991220 DW200005 C09B67/14 004pp

- JP8283596 A 19961029 DW199702 C09B67/14 005pp

PR - JP19950089119 19950414

XA - C1997-005452

XIC - C09B-067/08 ; C09B-067/14 ; C09B-067/16 ; C09B-067/20

AB - J08283596 A surface-treated pigment contains substantially no
sulphonic acid gps. inside the particles and bears sulphonic acid gps.
only on the particle surfaces.

- USE - The surface-treated pigment is useful for printing inks, paints,
cosmetics, inks for writing instruments, toners, liq. developers,
electrophotographic materials, recording materials for ink jetting and
colourants for plastics.

- ADVANTAGE - The pigment has excellent initial dispersibility and long
dispersibility in water and organic solvents without aggregation and
precipitation on long storage. The method (hydrophilisation treatment
method) improves dispersibility of pigments.

- (Dwg.0/0)

CN - R01160-U

DRL - 1160-U

IW - SURFACE TREAT PIGMENT PRINT INK PAINT CONTAIN SUBSTANTIAL NO SULPHONIC
ACID GROUP PARTICLE BEAR SULPHONIC ACID GROUP PARTICLE SURFACE IMPROVE
DISPERSE

IKW - SURFACE TREAT PIGMENT PRINT INK PAINT CONTAIN SUBSTANTIAL NO SULPHONIC
ACID GROUP PARTICLE BEAR SULPHONIC ACID GROUP PARTICLE SURFACE IMPROVE
DISPERSE

NC - 001

OPD - 1995-04-14

ORD - 1996-10-29

PAW - (TOXW) TOYO INK MFG CO LTD

RRL - 07541

TI - Surface-treated pigment for printing inks, paints, etc - contains
substantially no sulphonic acid gps. inside particles and bears
sulphonic acid gps. only on particle surfaces for improved
dispersibility

A01 - [001] 018 ; P0000 ;

- [002] 018 ; ND03 ; ND00 ; Q9999 Q7158-R Q7114 ; B9999 B3430 B3372 ;

- [003] 018 ; D01 D61-R D60 F99 D08 D25 D35 D45 D55 D56 D59 D79 D95 Cu

1B Tr F62 ; A999 A102 A077 ; A999 A759 ; L9999 L2802 ; L9999 L2799

1
; N9999 N6882 N6655 ; N9999 N6804-R N6655 ; B9999 B3430 B3372 ;
B9999 B3532 B3372 ; S9999 S1014-R ; S9999 S1025 S1014 ;